

Earthdata UTC Meeting 12.20.2016

Gotomeeting link: <https://global.gotomeeting.com/join/862833445>

Phone number: 1-844-467-6272, Passcode 184979#

Meeting ID: 862-833-445

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
 - EMS Release 1.5.1.1
 - This release will include improvements to country resolution and also some performance improvements
 - We continue testing this release in UAT. Deployment to production: 11 January 2017
 - After deployment into production, we will reprocess all FY 2017 distribution logs
 - CDDIS
 - CDDIS has not delivered any logs to EMS since November 29 due to their changing to a new system.
 - LP DAAC
 - LP DAAC will be sending a new custom distribution file for the LP DAAC AppEEARS interface
 - GHRC
 - GHRC has requested a new data provider for AMSR2NRT2. Waiting for test files
 - OBDAAC
 - OBDAAC KIOST files have been processed in UAT. Working with the data provider to resolve search expression issues.
 - Data Relevancy Reports
 - EMS will be working with CMR to provide data relevancy reports

3. Earthdata Login

Peter Smith

- **User Search capability is available for authorized users (demo)**
- **URS Integration Information on SSO and the API's can be found on [Wiki](#)**
- **DAAC On-boarding Status and Integration Schedule can be found on [Wiki](#)**
 - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **[Earthdata Login public wiki](#)**
 - *** [New Tools page](#) ***
 - *** [New auto-authorization](#) ***

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- 1. Attendance
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 - CMR/ECHO System Status
 - CMR Release Status
 - Earth Data Search Release Status
 - Metadata Management Tool Release Status
 - Upcoming PMs
- 7. GIBS
- 8. Worldview
- 9. Open Floor

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Ticket Status

4. Earthdata

Katherine Kelly

- **Earthdata Developer Portal**
 - Private Documentation
 - Search
 - Additional Documentation
- **Earthdata Environment Configuration Service**
 - Adding User Roles
 - Encrypt backend information
- **Study for the Migration of CDN content to NGAP**

5. User Support Tool

Catalino Cuadrado

Activities:

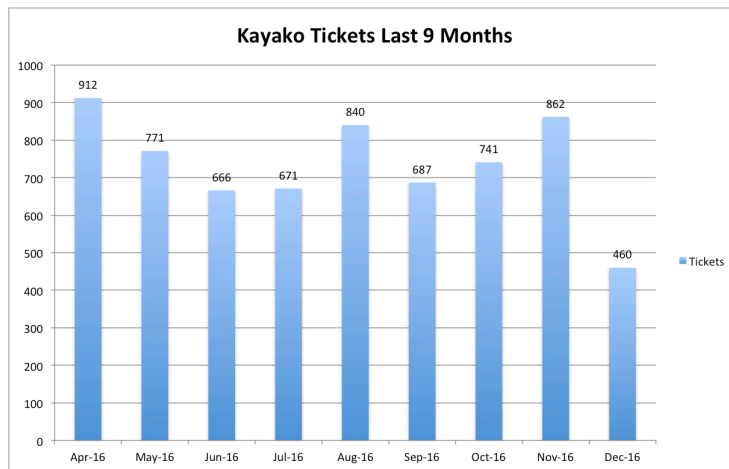
None

Issues:

None

Recent Metrics

Kayako Overall Last 9 Months Tickets



Total Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting for DAAC	Waiting for User
ASDC	35			4	7	
ASF	8	1				
Developer Portal				1		
ECC	3					
ECHO	18			2		
Earthdata	6			4		
Earthdata Search	4			3		
FIRMS	4	1		1		
Feedback Module				1		
GCMD	2	3		1		

GES-DI SC		1		3		
GHRC	7			2		
LPDAA C	39	2	2	10	1	1
MODAP S	23	1				
ORNL DAAC	10			3		
PO.DA AC	4			2		
PO.DA AC Forum	6			3		
Rapid Respon se	4					
Reverb	8			1		
URS	66			20		
UUI	1			1		
Worldvi ew	2	2		1		
Totals	250	11	2	63	8	1

6. CMR/ECHO/Earthdata Search/MMT

Catalino Cuadrado

CMR/ECHO System Status

System Issues

Recent Metrics

[illegible]

CMR collection search performance

Date	95th Percentile	99th Percentile	50th Percentile
09/25/2016	403	2480	15
10/02/2016	388	1826	23
10/09/2016	400	2215	23
10/16/2016	481	2267	20
10/23/2016	584	2571	17
10/30/2016	630	2672	17
11/06/2016	544	2495	16
11/13/2016	2096	7293	58
11/20/2016	739	2884	22
11/27/2016	539	2678	22
12/04/2016	508	2628	22
12/11/2016	425	2359	17
12/18/2016	458	2610	15

CMR granule search performance

Date	95th Percentile	99th Percentile	50th Percentile
09/25/2016	788	3035	74
10/02/2016	495	2591	54
10/09/2016	1181	2811	51
10/16/2016	1343	2398	54
10/23/2016	1408	2769	88
10/30/2016	1373	2872	93
11/06/2016	1302	2938	99
11/13/2016	220	9070	220
11/20/2016	1695	4319	152
11/27/2016	1551	3821	137
12/04/2016	1617	4079	134
12/11/2016	1320	3673	129
12/18/2016	1365	3916	132

In Production: 1.63

Completed Issues

Key	Summary
CMR-3489	As a CMR user I would like collections that have higher community usage to appear earlier in search results than collections with lower community usage, all other things being the same.
CMR-3555	Platform humanized search not working with multiple platforms
CMR-3561	robots.txt files are not being deployed
CMR-3583 *	Granule performance is slipping into the 2 second area for 95%

Issues Not Completed

Key	Summary
CMR-2307 *	Remove sprint demo files with hostnames
CMR-2657 *	As a user I would like keyword (free text) searches to include the 'Related URL' field.
CMR-3551 *	As a Client User, I can ingest a granule referring to a platform alias defined in humanizers so that I can correct my collection metadata without invalidating granules.
CMR-3554 *	As a Client User, I can ingest a granule referring to a tile system alias defined in humanizers so that I can correct my collection metadata without invalidating granules.

Issues completed outside of this sprint

Key	Summary	Issue Type
CMR-3505	Push out umm-spec-lib/resources/json-schemas/umm/v1.8 to The EOSDIS git repository	 Story

In UAT: 1.64

Completed Issues

Key	Summary
CMR-2657	As a user I would like keyword (free text) searches to include the 'Related URL' field.
CMR-3551	As a Client User, I can ingest a granule referring to a platform alias defined in humanizers so that I can correct my collection metadata without invalidating granules.
CMR-3561	robots.txt files are not being deployed
CMR-3622 *	On ingest of new collection output the entry title of collection to the log file for DSR purposes
CMR-3628 *	UMM should not use "dummy" for any default values

Earth Data Search Release Status

In Production: 1.33

Completed Issues

Key	Summary
EDSC-975	ECHO form not being prepopulated with email address
EDSC-1152	Point EDSC at new cmr-browse scaler
EDSC-1235	AIRX2RET_NRT returns 400 error on OpenSearch request and spins in "Loading granules..." forever
EDSC-1275	EDSC Orders fail for Service Orders with "InvalidParameterValue" but work in Reverb
EDSC-1277	Determine why search-uat NGAP instance consumes disk space at a faster rate than search-sit or search-ops

In UAT: 1.34

Key	Summary
EDSC-1183	Order of facet topics changes within session
EDSC-1200	EDSC Throws 500 error on health check due to bad certificate for hosts
EDSC-1265	As a user, I should be able to submit an order containing more than 2000 granules so that I may more efficiently access data
EDSC-1280 *	Improve Multi-Temporal Range handling in EDSC

Metadata Management Tool Release Status

In Production: 1.36

Completed Issues

Key	Summary
MMT-171	As a Provider, I want to delete an access control rule.
MMT-561	As a CMR Administrator, I want to create a System Level access control group.
MMT-586	As a CMR Administrator, I want to give all members of a system level access control group permission to create a system object.
MMT-587	As a CMR Administrator, I want to give all members of a system level access control group permission to view a system object.
MMT-588	As a CMR Administrator, I want to give all members of a system level access control group permission to update a system object.
MMT-589	As a CMR Administrator, I want to give all members of a system level access control group permission to delete a system object.
MMT-683	Remove the word 'Level' from the values of Processing Level
MMT-723	As a provider, I would like to see a list of my order options
MMT-725	Investigate solution for intermittent test failures

In UAT: 1.37

Completed Issues

Key	Summary
MMT-129	As a Provider, I want to create and view an order policy for my Provider.
MMT-155	As a Group Manager, I want to see a list of my access control groups.
MMT-507	As a provider, I want to grant permissions to all of my collections to all members of an access control group.
MMT-565	As a Provider I want to view a list of my collections with their data quality summary assignments.
MMT-566	As a Provider, I want to sort a list of my collections with their data quality summary assignments by collection shortname and version, or by data quality summary name.
MMT-590	As a Provider, I want to create and view a data quality summary.
MMT-592	As a Provider, I want to create and view an order option with a plain text editor, using ECHO Forms XML.
MMT-697 *	Move MMT to current version of UMM-C schema
MMT-718	As a CMR Administrator, I want to view all system object ACLs for a system level access control group.
MMT-719	As a CMR Administrator, I want to update system object ACLs for a system level access control group
MMT-720	As a Provider, I want to view all provider object ACLs for an access control group associated with my provider.
MMT-754 *	Chooser uses inconsistent response parsing to populate its fields

Upcoming PMs

Wed 12-21

UAT/Partnertest OS Patching

Thursday 12-22

OPS/PROD OS Patching

7. GIBS

Matthew Cechini

General Items

In Progress

- Vectors - Developing functional test plan for internal evaluation of GIBS vector prototype capability.
- Multi-Day Products - Numerous multi-day imagery products have been released to GIBS production, but cannot be included in Worldview until an issue with image download is resolved. An update is currently being tested in the GIBS UAT environment. **The updated capability is scheduled for release to production on 12/22/16.**
- HTTPS-Only Transition - Per agency requirements, GIBS will be moving to support HTTPS-only requests in early 2017. A transition plan is being internally developed and will be made available in January 2017 for review.

Completed

- ICD Revision 2 - Baselined and released!

New/Planned Products

In Progress

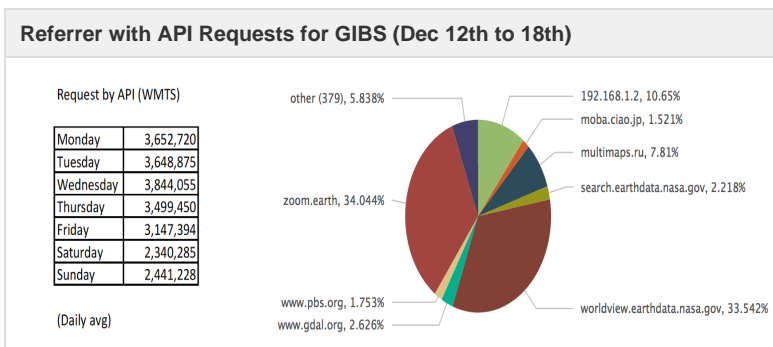
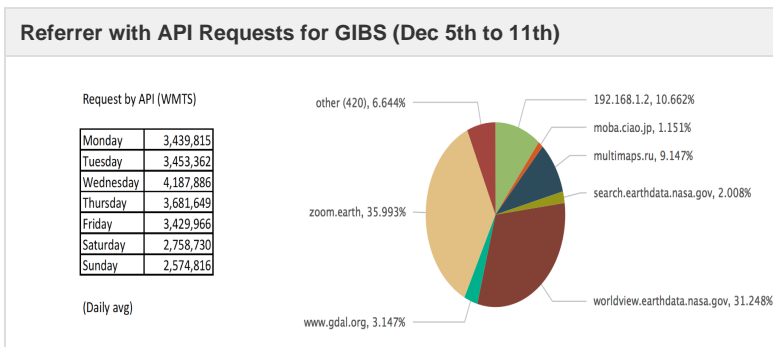
- MODIS Collection 6 - Atmosphere & Land Reprocessing
 - Atmosphere STD Reprocessing - **Completed reprocessing of Effective Radiance, and Water Path products. Finishing Cloud Top Height and Cloud Optical Thickness. Completion projected by week of 1/2/17.**
 - Land L2 STD Reprocessing - **Completed "final prep" ingest test. Awaiting DAAC/science team review with a requested response data of 1/6/17.**
 - Land L3 - Awaiting start of Land L2 STD Reprocessing.
- Non-BEDI Imagery Products - Actively working towards operationalization of the following products:
 - VIIRS Day/Night Band NRT
 - **Configured DNB sample imagery in UAT for AGU. Coordinating imagery review before promotion to production.**
 - OMI NRT
 - Awaiting coordination with the user community.
 - MISR NRT
 - Awaiting imagery updates to address "bad" data pixels and subsequent imagery artifacts.
 - GPM Rain/Snow v4 Standard
 - Actively working with the imagery provider to resume forward processing. A full historical processing will also be performed.
- BEDI Activities - Actively working towards operationalization of the following products:
 - OMI/AIRS/MERRA/LDAS - GESDISC
 - Performing review of OMI UV sample imagery with updated colormaps.
 - Performed MERRA historical reprocessing. Performing provider review.
 - Addressing LDAS ingest issue with Giovanni team.
 - Awaiting resource assignment for AIRS historical reprocessing.
 - ASTER L1T - LPDAAC
 - Performing end-to-end testing for performance projections.
 - SSM/I - NSIDC
 - Awaiting provider updates for NISE product geolocation issues.
 - Aquarius/MODIS PODAAC
 - Pending coordination of historical reprocessing

Completed

- None to report

Alex De Luca Jerome King

- **GIBS Production**
 - **Status**
 - Planned maintenance for Today
 - Planned maintenance for Thursday 12/22
 - **Metrics**



8. Worldview

Taylor Gunnoe Benjamin King

- Added VIIRS Day/Night band layer, visible in test instance (currently in UAT GIBS)
- Added descriptions for VIIRS Day/Night band
- worldview-timeline-components repository is now worldview-components
- Fixed browserify-shim of timeline-components

9. Open Floor

a. Please send Kathy a list of URS ids of DAAC staff who need permission for URS User Search (URS ids in SIT, UAT, OPS)

b. Next meeting date - January 10

Questions re URS User Search functionality:

1. Ben McMurry at ORNL asked whether the list of users returned in a search contained ALL users that met the search criteria, or ALL users that met the search criteria AND had authorized the DAAC to see their name.

Answer from URS team: It is the former, i.e., when you use the User Search functionality on the URS UI, the list of users returned in a search contains ALL URS users that meet the search criteria. URS doesn't have any provisions for URS users to authorize specific DAACs to see their information. However, administratively, we only allow a controlled set of DAAC staff to see and use

the User Search functionality on the URS UI (these are the lists of DAAC staff that you all have been providing to us)

2. Nelson Casiano from EMS asked if there were an API to the User Search functionality that the EMS software could use.

Answer from URS team: Yes, there is an API for this functionality. However, the API call is more limited than the 'User Search' functionality on the URS UI. When an application (like EMS) makes the user search API call, the application must pass in its (the applications's) credentials. The 'User Search' search results from the API are limited to the URS account holders who have authorized that application (EMS in our example) to see their credentials. URS verifies application credentials prior to processing the API calls. Applications cannot perform a user search across all URS users.